



May 5, 2006

TO: Mr. Russell Hart, RPM
United States Environmental Protection Agency
Region V
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

FROM: Mr. David Curnock, PM, SECOR International Incorporated *DM*

RE: **MONTHLY PROGRESS REPORT/MEMORANDUM**
Area 9/10 Remedial Design
Southeast Rockford Groundwater Contamination Superfund Site
Rockford, Illinois

Copies: Mr. Thomas Turner, Regional Counsel, USEPA Region V
Mr. Scott Moyer, Hamilton Sundstrand/United Technologies Corporation
Ms. Kathleen McFadden, United Technologies Corporation
Mr. Thomas Williams, PM, IEPA
Mr. Terry Ayers, IEPA

CURRENT MONTH PROJECT ISSUES/STATUS: *(activities, meetings, deliverables, etc.)*

Activities conducted in April 2006 consisted of the completion and submittal of the Pre-Design Investigation Summary (PDI) report, a meeting with USEPA and IEPA regarding the site remedial design, and jet fuel recovery system operations in the South Alley.

The PDI report was finalized and submitted to USEPA and IEPA. The report incorporates the results of the implementation of the processes outlined in the Remedial Design Work Plan. The report provides the information generated from the pre-mobilization geophysical survey of the Rockford Products parking lot located south of the Hamilton Sundstrand (HS) Plant #1, other historical information gathering efforts (historic maps), documentation of the soil boring and monitoring well installation, soil and groundwater sampling results, and groundwater flow data. The PDI is an integral part of the Remedial Design in that the data developed during this process will provide the direction for design development.

A meeting was held on April 13, 2006 at the SECOR office in Lombard, Illinois between, HS, USEPA, IEPA, and SECOR. IEPA's consultant Camp Dresser McKee participated via teleconference. At the meeting the planned changes to the Plant #1 facility and remedial design activities were discussed. The concept for the remedial design was agreed upon by the parties involved to consist of air sparge (AS) points and soil vapor extraction (SVE) wells in the western portion of the South Alley along with excavation and associated activities in the Former Outside Container Storage Area (OSA). Additional remedial design activities would be driven by the results of further investigation work within the current building footprint as warranted. The AS and SVE remedial methods are those selected in the

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Record of Decision. The target date for the submittal of a Preliminary Remedial Design (30% Design) is the end of June 2006.

The future access to the building area and planned removal of portions of the building will allow for the use of a more traditional vertical well systems rather than horizontal systems previously considered. Therefore, the Horizontal Groundwater Monitoring Well Installation and Testing Work Plan previously submitted will not be implemented.

Supplemental RD activities beyond the initial design will be predicated on additional data or information gathered as areas within the building footprint become available. HS and USEPA will keep an open dialogue regarding the performance and timing of continued source identification activities for Area 9/10.

The operation and monitoring of hydrocarbon recovery of LNAPL (JP-4) from the recovery systems in the south alley continues. April activities consisted of monitoring of the recovery system operation. The measured thickness of product in wells RW-2 and RW-3R were both 0.02 feet as of April 21, 2006. No measurable product was found in RW-1. Approximately 88 gallons of product were recovered during the first quarter of 2006 (January through March).

FUTURE PROJECT ISSUES/STATUS: *(activities, meetings, deliverables, etc.)*

Future project activities anticipated for May 2006 and beyond include:

- Development of the Preliminary Remedial Design (30% Design)
- Internal (HS) development of specific projects and timelines associated with the facility realignment and communication of these final plans with USEPA.
- Continue collection of water and product level data from the groundwater monitoring network on a periodic basis (next event scheduled for June) and
- Operation, maintenance, and monitoring of the South Alley recovery well system and evaluation of the LNAPL (JP-4) presence and recovery rates will continue.

SAMPLE/TEST DATA SUBMITTALS:

Depth to groundwater and hydrocarbon measurements for the past year from RW-1, RW-2 and RW-3R are provided as Figures 1 through 3 respectively.

RD SCHEDULE UPDATE: *(attach updated schedule as necessary)*

The Preliminary Remedial Design (30% Design) is scheduled for submittal at the end of June 2006. The submittal of final Remedial Design is anticipated to be submitted in the fourth quarter of 2006. With the many changes going on at the facility and the opportunity

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for substantial site constraints to be removed as part of the facility realignment process, it is desired that an open dialogue regarding the performance and timing of the continued source identification and design issues for Area 9/10 be maintained at this time.

REALIZED/ANTICIPATED PROBLEM CONDITIONS:

None.

PERSONNEL CHANGES:

None.

FIGURE 1

Recovery Well RW-1 Groundwater / Product Elevations

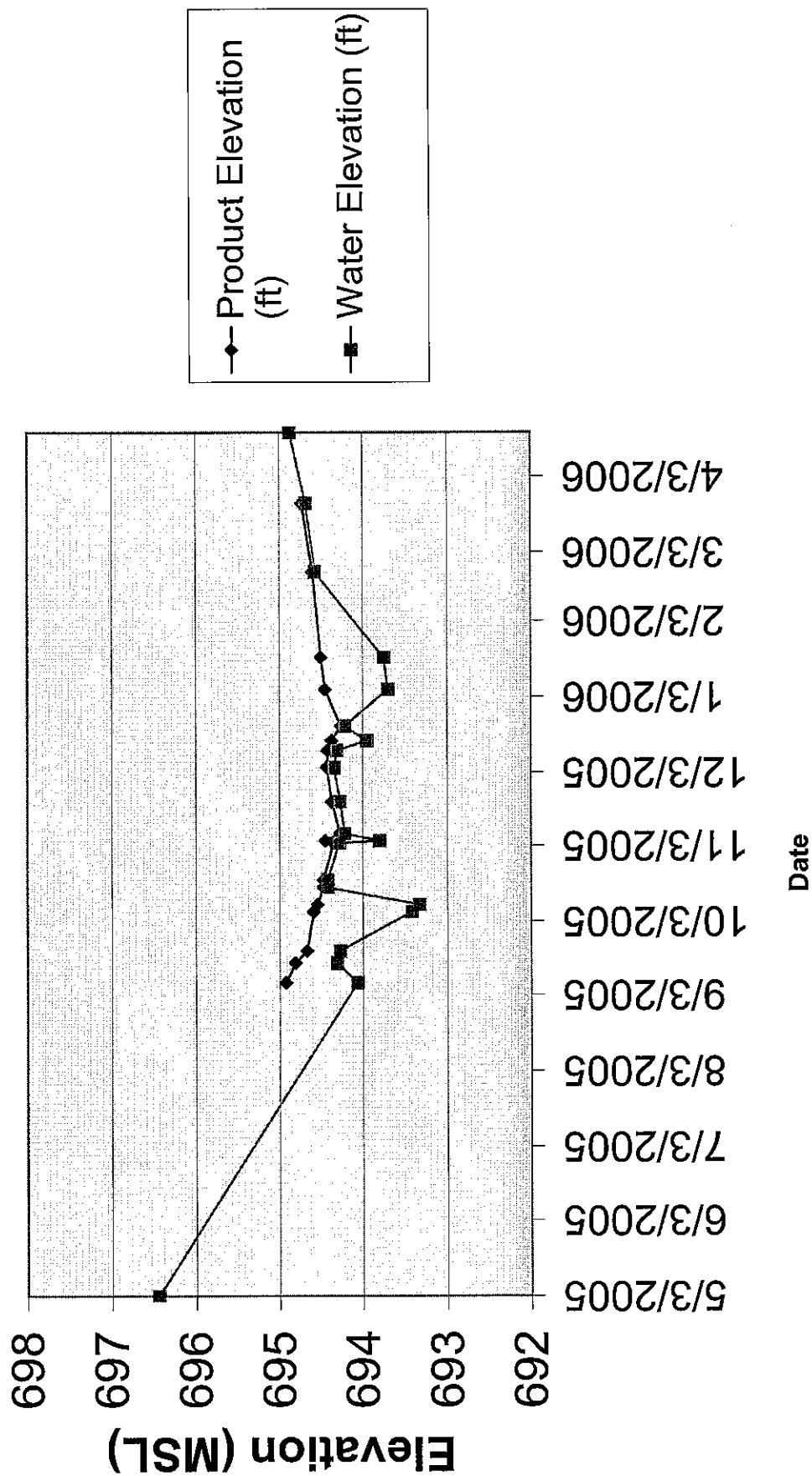


FIGURE 2

Recovery Well RW-2 Groundwater / Product Elevations

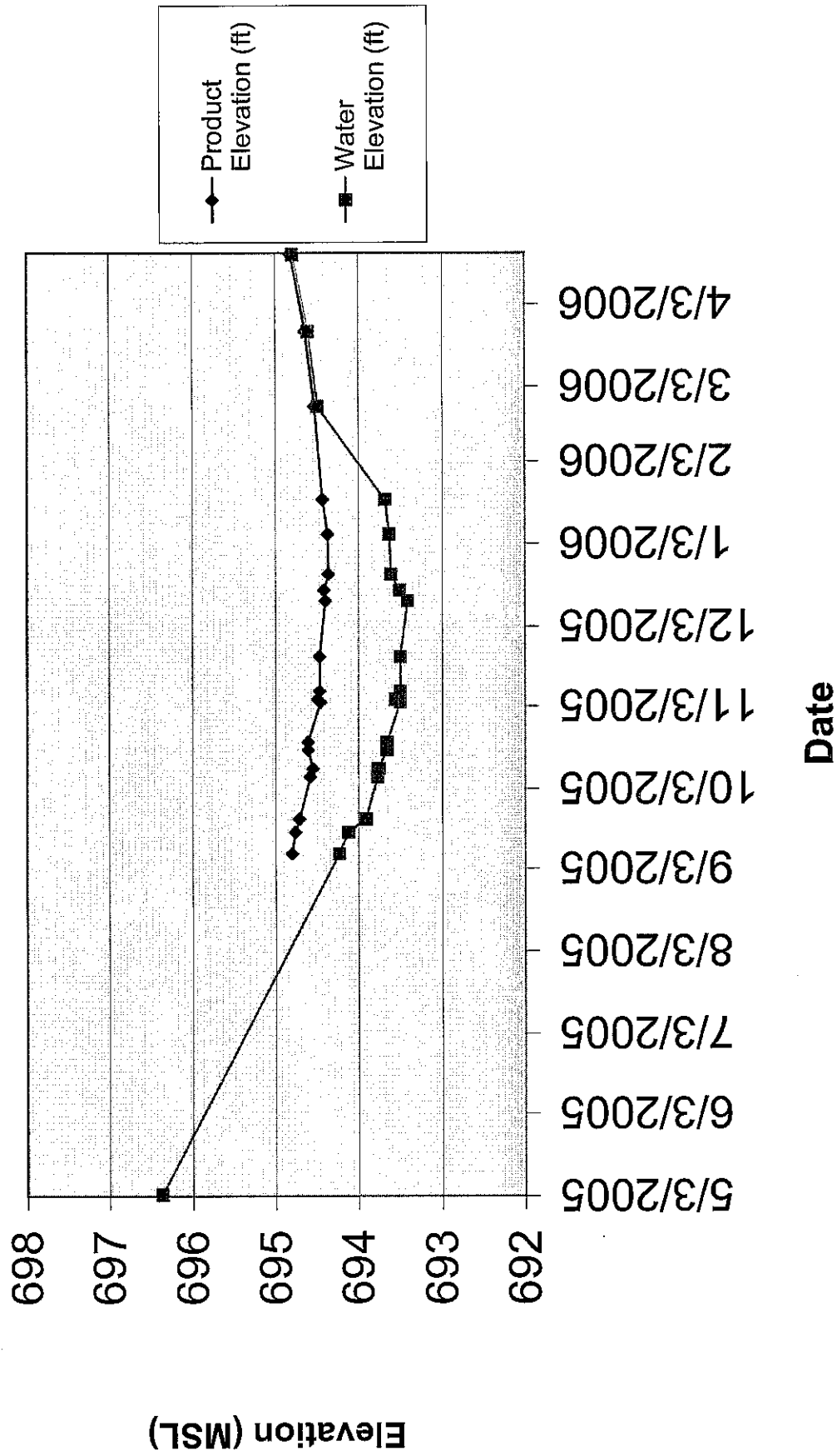


FIGURE 3

Recovery Well RW-3R Groundwater / Product Elevations

